

ABSTRACT OF THE INVENTION

A process comprising identifying assets in a raw architectural CAD drawing, applying compliance and preferred criteria for creating detailed engineering specifications corresponding to said assets and producing detailed engineering CAD drawings and reports. Preferably, one or more preferred databases of criteria augment the criteria needed for compliance with local codes, said preferred databases including architecturally specific criteria and a client's professional, individual and preferred criteria. Repeated use results in ever more complete databases of preferred criteria for enabling a process requiring little or no additional intervention for processing subsequent CAD drawings. Apparatus embodying the process preferably include a computer and an interactive network system and having at least one client terminal for interacting with a client, downloading the client's raw CAD files and uploading detailed output CAD drawings to the client.